

# Argentina

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Unelectrified population = 2,388,351 people or 556,999 households

## Rural Concessions

- Salta and Jujuy are the first provinces to award concessions to private utilities for the supply of energy services through stand-alone renewable systems.
- Working with the Secretaria de Energia, NREL has developed models that estimate the cash flow and profitability of private companies operating rural concessions for use throughout Argentina.
- NREL is continuing to collaborate with Ente Regulador de los Servicios Publicos in Salta.



An isolated diesel plant in Tres Lagos, where a wind-diesel retrofit is under development

## Wind Mapping in La Rioja Province

- NREL and the Government of La Rioja Province are collaborating on a program to assess the wind resource in the province and to create wind-energy maps of La Rioja.
- The province will conduct a wind measurement program, using 10 60-m towers and 19 24-m towers.
- NREL will provide training and technical assistance to the province, and will perform the final analysis and wind mapping.

## Argentina's Renewable Village Power Activities are:

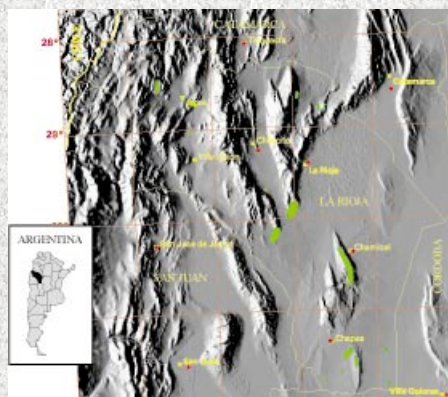
- Rural concessions in Salta and Jujuy
- Wind-diesel retrofits in Patagonia
- Wind mapping and water pumping in La Rioja
- Solar Home Systems in Misiones
- Rural schools in Santa Fe and Buenos Aires.



A wind/PV hybrid in Jujuy

## Wind-Diesel Retrofits in Patagonia

There are dozens of diesel plants in the provinces of Patagonia serving isolated communities. The fuel supply and maintenance requirements for these diesels can be reduced by utilizing Patagonia's abundant wind resource and integrating wind turbines and new controls into the diesel plants. A project is under development for the community of Tres Lagos in Santa Cruz.



La Rioja Province of Argentina and Surrounding Areas- Future Wind Resource Exploration Areas